B. CONNECTING TO A DISPLAY (Using a HDMI cable)

For TVs that support it, HDMI can provide the best quality audio and video output (depending on media source), and so is the preferred connection type. The HDMI cable incorporates both audio and video signals, so you will have just one cable running from the unit to your TV. Using a HDMI cable (not included), connect the HDMI OUT jack on your unit to the HDMI IN jack on your TV or HDMI-compatible display.

- When using a HDMI cable, do not connect to other analog video outputs.
- Set an output signal from the HDMI terminal of the DVD player in accordance with your TV's input signal.
- When using HDMI cable, set the HDMI Audio to PCM.
- Press the **HDMI** button on the remote control in stop mode to change output signals as below:

  480p (progressive)
  720p (progressive)
  1080i (interlace)
  1080p (progressive)

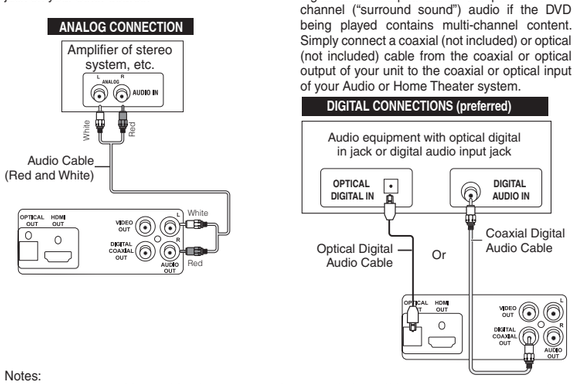
Notes:
- Refer to your owner's manual to the connected TV as well.
- When you connect the DVD player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If you have a HDMI (with HDCP) equipped monitor or display, you can connect it to this player using a HDMI cable.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

CONNECTING TO OPTIONAL EQUIPMENT (AMPLIFIER)

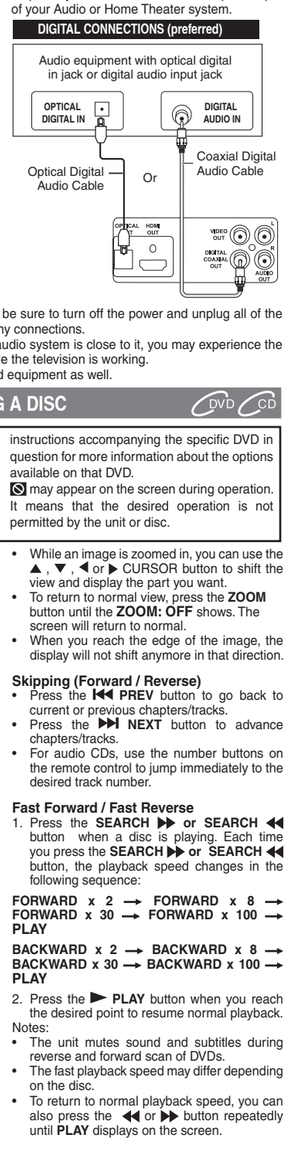
A. ANALOG CONNECTION

Using an audio/video cable, connect the left/right AUDIO OUT jack on your unit to the AUDIO IN jack on your other source.



B. DIGITAL CONNECTIONS (preferred)

This unit has two digital audio outputs – a COAXIAL digital audio output, and an OPTICAL digital audio output. Either will provide multi-channel ("surround sound") audio if the DVD being played contains multi-channel content. Simply connect a coaxial (not included) or optical (not included) cable from the coaxial or optical output of your unit to the coaxial or optical input of your Audio or Home Theater system.



Notes:
- When you connect the unit to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- If the external equipment is television and this audio system is close to it, you may experience the interference if the tuner function is selected while the television is working.
- Refer to the instruction manual of the connected equipment as well.

PLAYING A DISC

This user manual explains the basic instructions for operating this unit. Some DVDs are produced in a manner that allows specific or limited operation during playback. Therefore, this unit may not respond to all operating commands. THIS IS NOT A DEFECT. Please refer to the instructions accompanying the specific DVD in question for more information about the options available on that DVD.
⃠ may appear on the screen during operation. It means that the desired operation is not permitted by the unit or disc.

Playing a Disc
1. Press the ⏻ **STANDBY / ON** button to turn on the unit.
   See **CUSTOMIZING THE FUNCTION SETTINGS** before proceeding to step 2.
2. Press the ⏏ **OPEN/CLOSE** button to open the disc tray.
3. Place a disc onto the disc tray with the label side up.
4. Press the ⏏ **OPEN/CLOSE** button to close the disc tray. It takes a short while for your unit to load the disc. After loading, for most DVDs, the unit will automatically take you main menu or start playing.
5. If the unit does not automatically start playing the DVD, press the ▶ **PLAY** button.

Pausing Playback (Still Mode)
Press the ❚❚ **PAUSE** button on the remote. To resume normal playback, press the ▶ **PLAY** button.

Frame Advance
1. Each time you press **STEP** button, the picture advances one frame.
2. Press **PLAY** to resume normal playback.

Stopping Playback
- Press the ■ **STOP** button at the location where you want to interrupt playback. To resume playback at the position where the disc was stopped, press the ▶ **PLAY** button.
- If you press the ■ **STOP** button twice, the unit's memory will be cleared and pressing the ▶ **PLAY** button will reset the disc to the beginning.

Zooming into an image
While a disc is playing, press the **ZOOM** button to enlarge the image in several levels.

ZOOM 2 ⟶ ZOOM 3 ⟶ ZOOM 4 ⟶ ZOOM: OFF
- While an image is zoomed in, you can use the ▲, ▼, ◀ or ▶ CURSOR button to shift the view and display the part you want.
- To return to normal view, press the **ZOOM** button until the **ZOOM: OFF** shows. The screen will return to normal.
- When you reach the edge of the image, the display will not shift anymore in that direction.

Skipping (Forward / Reverse)
- Press the ⏮ **PREV** button to go back to current or previous chapters/tracks.
- Press the ⏭ **NEXT** button to advance chapters/tracks.
- For audio CDs, use the number buttons on the remote control to jump immediately to the desired track number.

Fast Forward / Fast Reverse
1. Press the **SEARCH ▶▶ or SEARCH ◀◀** button when a disc is playing. Each time you press the **SEARCH ▶▶ or SEARCH ◀◀** button, the playback speed changes in the following sequence:

FORWARD x 2 ⟶ FORWARD x 8 ⟶ FORWARD x 30 ⟶ FORWARD x 100 ⟶ PLAY

BACKWARD x 2 ⟶ BACKWARD x 8 ⟶ BACKWARD x 30 ⟶ BACKWARD x 100 ⟶ PLAY

2. Press the ▶ **PLAY** button when you reach the desired point to resume normal playback.

Notes:
- The unit mutes sound and subtitles during reverse and forward scan of DVDs.
- The fast playback speed may differ depending on the disc.
- To return to normal playback speed, you can also press the ◀◀ or ▶▶ button repeatedly until **PLAY** displays on the screen.

Slow-motion Play
1. Press the **SLOW** button on the remote in play mode.
- Each time the **SLOW** button is pressed, the speed of slow-motion playback changes in the following sequence:
  SF 1/2 ⟶ SF 1/4 ⟶ SF 1/8 ⟶ PLAY
2. Press the ▶ **PLAY** button to return to normal playback speed.

Note: To return to normal playback speed, you can also press **SLOW** button repeatedly until **PLAY** displays on the screen.

Audio Selection
On some DVDs, the sound is recorded in two or more formats. Follow the directions below to select the preferred language and sound system.
1. While a disc is playing, press the **AUDIO** button to show the current audio format number. e.g.

2. Press the **AUDIO** button repeatedly to select the desired audio format.

Notes:
- If only one audio format is recorded on the DVD, the number does not change.
- Some DVDs allow you to change audio selections only via the disc menu. If this is the case, press the **MENU** button and choose the appropriate language on the disc menu.
- You can select different audio channels (STEREO, MONO L, MONO R or MIX MONO) on an Audio CD by pressing the **AUDIO** button repeatedly.

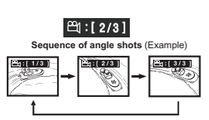
Subtitle Selection
1. While a DVD is playing, press the **SUBTITLE** button to display the current language setting, as shown in the example.

2. Press the **SUBTITLE** button repeatedly to select the desired subtitle language. You can turn subtitles off by pressing the **SUBTITLE** button repeatedly until the

is displayed.

Notes:
- Some DVDs are set to display subtitles automatically, and you cannot turn them off even if you set the subtitle function to off.
- During some scenes, the subtitles may not appear immediately after you select your desired scene.
- The number of subtitle languages recorded differs depending on the disc. If only one language is recorded, the language does not change.
- This function can only be used for discs on which subtitles have been recorded in multiple languages.
- Some DVDs allow you to change subtitles only via the disc menu. If this is the case, press the **MENU** button and choose the appropriate subtitle on the disc menu.

Angle Selection
Some DVDs contain scenes which have been shot from a number of different angles. For these discs, the same scene can be viewed from each of these different angles.
1. While you are playing a DVD with different angles recorded, press the **ANGLE** button to view the number of current angles available.
2. Press the **ANGLE** button repeatedly to change the scene to the next recorded angle. e.g.



- After approx. two seconds, playback will continue from the new angle you selected.
- If no button is pressed within 10 seconds, playback continues without changing the current angle.

Notes:
- This function can only be used for discs on which scenes shot from multiple angles have been recorded.
- If only one angle is recorded, ⃠ is displayed.

Display Function
While the disc is playing, press the **DISPLAY** button on the remote control repeatedly to display information on operation status.

Elapsed Time: Elapsed time from the beginning of the chapter/title which is currently playing.

Remaining Time: Remaining time of the chapter/title which is currently playing.

Chapter Elapsed Time

Chapter Remaining Time

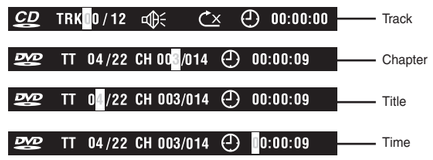
Title Elapsed Time

Title Remaining Time

LOCATING A DESIRED SECTION

Locating a Specific Chapter / Track / Title / Time
If you know the chapter / track / title / time number you want to play, you can locate a specific chapter / track / title / time by directly selecting a chapter / track / title / time number.

1. Press the **GOTO** button to search your desired chapter / track / title / time.
2. Press ▲, ▼, ◀ or ▶ button to highlight a chapter / track / title / time and press the corresponding number button(s) for the chapter / track / title / time you want.



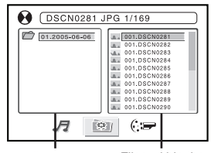
3. Press the **OK** button to confirm. The unit will start playback about 3 seconds later.

Notes :
- Some discs may not respond to this process.
- Some scenes may not be located as precisely as you specified.
- This method for accessing specific locations is available only within the current title of the DVD disc.

PLAYING PICTURE FILE DISC

This unit can display picture files recorded on CD-R and CD-RW discs.

Playing a Picture File Disc
1. Open the disc door.
2. Place a picture file disc onto the tray with label side up.
3. Close the disc door.
4. The unit will load the disc and automatically display the contents of the disc on the screen, while playing the beginning of the first picture file. These files will then be played back one by one. If the unit does not automatically start playing, press the ▶ **PLAY** button.
5. Press ■ **STOP** or **RETURN** button to enter the contents of the disc. Then press the ▲, ▼, ◀ or ▶ CURSOR button to select a picture that you want to view, and press the **OK** button to confirm.
6. Now the picture slideshow begins with the selected picture.



Notes:
- You can press the ❚❚ **PAUSE** button to interrupt playback, and press the ▶ **PLAY** button to resume playback.
- You can use the **GOTO** function or use the numbered buttons to enter the number of a picture file to quickly select the image.
- During playback, press the **ZOOM** button to enlarge the picture in 3 levels (2, 3 and 4 times) only while HDMI resolution is set to 480p.
- During playback, press ◀ to rotate picture anti-clockwise by 90°, press ▶ to rotate picture clockwise by 90°; press ▲ to flip picture vertically, press ▼ to flip picture horizontally.

REPEAT PLAYBACK

You can play a specific title or chapter repeatedly. (Title repeat, chapter repeat, all repeat, A-B repeat)

Repeating a chapter DVD
You can play the same chapter repeatedly.
1. While the disc is playing, press the **REPEAT DISC** button until the **REPEAT: [CHAPTER]** indicator displays on the screen. The current chapter is played repeatedly.

Repeating a title
You can play the same title repeatedly.
2. While the disc is playing, press the **REPEAT DISC** button until the **REPEAT: [TITLE]** indicator displays on the screen. The current title is played repeatedly.

Repeating a whole disc
3. While the disc is playing, press the **REPEAT DISC** button until the **REPEAT: [ALL REPEAT]** indicator displays on the screen. The whole disc is played repeatedly.

To resume normal playback
4. While the disc is playing, press the **REPEAT DISC** button until the **REPEAT: [OFF]** indicator displays on the screen.

You can play a single track and whole disc repeatedly.

Repeating a single track CD
You can play the same track repeatedly.
1. While the disc is playing, press the **REPEAT DISC** button until the **REPEAT: [REP 1]** indicator displays on the screen. The current track is played repeatedly.

Repeating a whole disc
2. While the disc is playing, press the **REPEAT DISC** button until the **REPEAT: [ALL REPEAT]** indicator displays on the screen. The whole disc is played repeatedly.

To resume normal playback
3. Press the **REPEAT DISC** button until the **REPEAT: [OFF]** indicator displays on the screen.

You can play a specific section repeatedly.

Repeating a specific section DVD CD
1. While the disc is playing, press the **REPEAT A-B** button at the beginning of the section (**REPEAT A-** is displayed) you want to play repeatedly.
2. Press the **REPEAT A-B** button again at the end of the section (**REPEAT A-B** is displayed).
3. The unit will immediately begin replaying your selection.

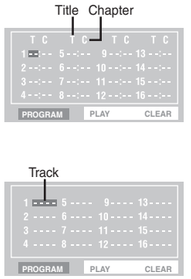
To resume normal playback
4. While the disc is playing, press the **REPEAT A-B** button until the **REPEAT A-B OFF** indicator displays on the screen.

Notes:
- Some discs may not permit A-B repeat operation.
- A-B repeat can only be used within the same title. If the start and end of the section to be repeated are in different titles, A-B repeat is cancelled.
- You can specify a segment only within the current title or track.
- The A-B repeat function does not operate in scenes where different camera angles are recorded.

PROGRAMMABLE MEMORY

Playing Titles/Chapters/Tracks in a Favorite Order
You can combine your favorite titles/chapters/tracks and play them in the order you determine.
1. Press the **MEMORY** button and the following display appears.
2. Select the items in the order you want by pressing the number buttons. Each time you press the Cursor buttons (▼, ▲, ◀, ▶), the space is highlighted. Highlight where you want to enter, then press the corresponding number buttons.
3. Press the Cursor buttons (▼, ▲, ◀, ▶) to move the highlighted bar to "PLAY", then press the **OK** button. The DVD player starts memory playback.
4. To resume normal playback from memory playback

a) Press the **MEMORY** button.
b) Press the Cursor buttons (▼, ▲, ◀, ▶) to move the highlighted bar to "CLEAR", then press the **OK** button to clear all the input programs. Alternatively, you can press the ■ **STOP** button to clear all the input programs.
c) Press the ▶ **PLAY** button to resume normal playback.


Title
Chapter
T C T C T C T C
1 --:-- 5 --:-- 9 --:-- 13 --:--
2 --:-- 6 --:-- 10 --:-- 14 --:--
3 --:-- 7 --:-- 11 --:-- 15 --:--
4 --:-- 8 --:-- 12 --:-- 16 --:--
PROGRAM PLAY CLEAR
Track
1 ---- 5 ---- 9 ---- 13 ----
2 ---- 6 ---- 10 ---- 14 ----
3 ---- 7 ---- 11 ---- 15 ----
4 ---- 8 ---- 12 ---- 16 ----
PROGRAM PLAY CLEAR

Notes:
- If the title, chapter or track numbers you entered is not permitted by the disc, after you press the **OK** button, it will restore to -- (title, chapter) or ---- (track). You should re-enter correct numbers.
- Some discs may not permit memory playback operation.
- If you select repeat during memory playback, the DVD player repeats the current memory playback.
- If you press the **MEMORY** button while the display appears on the TV screen, the display disappears.
- The programmed selections will be cleared when you open the disc tray or turn off the DVD player.

CUSTOMIZING THE FUNCTION SETTINGS

System

HDMI Resolution
1. Press the **SETUP** button.
2. Press the ▲ / ▼ button to select HDMI RESOLUTION.
3. Press the **OK** button, then the ▲ / ▼ button to select the options (480p, 720p, 1080i or 1080p).
4. Press the **OK** button.
5. Press the **SETUP** or **RETURN** button to exit the menu.

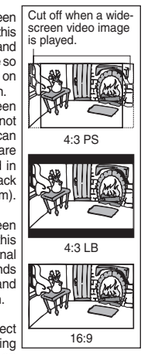
Note: Select the resolution according to the performance of the connected TV.

TV Shape
1. Press the **SETUP** button.
2. Press the ▲ / ▼ button to select TV SHAPE.
3. Press the **OK** button, then the ▲ / ▼ button to select the options (4:3PS, 4:3LB or 16:9).
4. Press the **OK** button.
5. Press the **SETUP** or **RETURN** button to exit the menu.

4:3 PS (Pan Scan)
- When wide-screen video is played, this mode clips the right and left sides of the image so that it can be viewed on a conventional screen.
- Some wide-screen DVDs that do not permit Pan Scan mode playback are automatically played in Letter Box mode (black bands top and bottom).

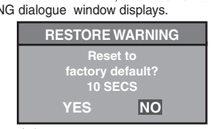
4:3 LB (Letter Box)
- When wide-screen video is played in this mode on a conventional screen, black bands appear at the top and bottom of the screen.

16:9 (Wide Screen)
- This is the correct mode for playing widescreen videos on a wide-screen.



Notes:
- The displayable picture size is preset on the DVD. Therefore, the playback picture of some DVDs may not conform to the picture size you select.
- When you play DVDs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the TV shape setting.
- Always be sure that your TV shape conforms to the actual TV in use if you connect the unit to a TV.

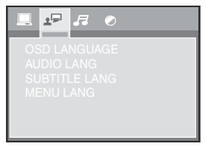
Default
1. Press the **SETUP** button.
2. Press the ▲ / ▼ button to select DEFAULT.
3. Press the **OK** button, then the ▲ / ▼ button to select "YES".
4. Press **OK** button to confirm, the RESTORE WARNING dialogue window displays.



5. Press the ◀ / ▶ button to select "YES" and press the **OK** button, the original setting will be restored. The unit will exit the default setting menu automatically and re-load the disc in the disc tray.

Note: It will take 3-5 seconds to reset the DVD player to the factory default.

Language



OSD Language
1. Press the **SETUP** button.
2. Press the ◀ / ▶ button to select (language).
3. Press the ▲ / ▼ button to select OSD LANGUAGE.
4. Press the **OK** button, then the ▲ / ▼ button to shift and change the Language.
5. Press the **OK** button.
6. Press the **SETUP** or **RETURN** button to exit the menu.

Audio Language
1. Press the **SETUP** button.
2. Press the ◀ / ▶ button to select (language).
3. Press the ▲ / ▼ button to select AUDIO LANG.
4. Press the **OK** button, then the ▲ / ▼ button to shift and change the Language.
5. Press the **OK** button.
6. Press the **SETUP** or **RETURN** button to exit the menu.

Note: Some DVDs may not be played in the language you selected. A prior language may be programmed on the disc.

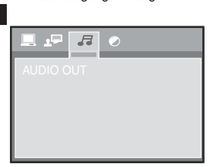
Subtitle Language
1. Press the **SETUP** button.
2. Press the ◀ / ▶ button to select (language).
3. Press the ▲ / ▼ button to select SUBTITLE LANG.
4. Press the **OK** button, then the ▲ / ▼ button to shift and change the Language.
5. Press the **OK** button.
6. Press the **SETUP** or **RETURN** button to exit the menu.

Notes:
- Some DVDs may be set to display subtitles in a different language other than the ones you selected. A prior subtitle language may be programmed on the disc.
- Some DVDs allow you to change subtitle selections using the disc menu only. If this is the case, press the **MENU** button and choose the appropriate subtitle language from the selection on the disc menu.

Menu Language
1. Press the **SETUP** button.
2. Press the ◀ / ▶ button to select (language).
3. Press the ▲ / ▼ button to select MENU LANG.
4. Press the **OK** button, then the ▲ / ▼ button to shift and change the Language.
5. Press the **OK** button.
6. Press the **SETUP** or **RETURN** button to exit the menu.

Note:
- Some DVDs may not include your pre-selected language. In this case, the DVD player automatically displays disc menus consistent with the disc's initial language setting.

Audio



Audio Output
1. Press the **SETUP** button.
2. Press the ◀/▶ button to select (audio).
3. Press the ▲ / ▼ button to select AUDIO OUT.
4. Press the **OK** button, then press the ▲ / ▼ button to select the output sound format (OFF, RAW or PCM).
5. Press the **OK** button.
6. Press the **SETUP** or **RETURN** button to exit the menu.

RAW Disc audio raw data will be output. Select this when connected to a multi-channel (eg home theater) "surround sound" amplifier.
PCM Select this when connected to a **stereo** amplifier.
OFF To disable Digital Output.

Note: If you connected to a TV using HDMI, and you are using the TV's speakers for your audio source, then make sure to select "PCM".

Video

1. Press the **SETUP** button.
2. Press the ◀/▶ button to select (video).
3. Press the ▲ / ▼ button to select the option (BRIGHTNESS or CONTRAST), then press the **OK** button.
4. Press the ▲ / ▼ button to select a preferred value, then press the **OK** button. (The screen will change to your selected setting).
5. Press the **SETUP** or **RETURN** button to exit the menu.

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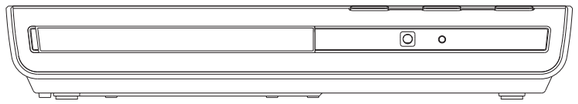
User Manual

DRC277



It is important to read this instruction prior to using your new product for the first time.

SAFETY PRECAUTIONS

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

WARNING: SHOCK HAZARD - DO NOT OPEN
AVIS: RISQUE DE CHOC ÉLECTRIQUE-NE PAS OUVRIR

The lightning flash with an arrowhead symbol, within the equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to cause an electric shock.

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this user manual.

*** SEE GRAPHIC SYMBOLS ON THE BOTTOM OF UNIT ***

THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003.

CET APPAREIL NUMÉRIQUE DE LA CLASSE B EST CONFORME À LA NORME NMB-003 DU CANADA.

WARNING: THE APPARATUS SHOULD NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD BE PLACED ON APPARATUS.
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE.
CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.
CAUTION: TO REDUCE THE RISK OF FIRE, DO NOT PLACE ANY HEATING OR COOKING APPARATUS BENEATH THIS UNIT.
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT OF POWER OUTLET, THEN FULLY INSERT.

CLASS 1 LASER PRODUCT
APPAREIL À LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

DOUBLE INSULATION WHEN SERVICING USE ONLY IDENTICAL REPLACEMENT PARTS.

This product contains a low power laser device.

This DVD player has earned the ENERGY STAR.

On Placement
- Do not use the unit in places that are extremely hot, cold, dusty, or humid.
- The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc.

On Safety
- When connecting or disconnecting the AC power cord, grip the plug and not the cord itself. Pulling the cord may damage it and create a hazard.
- When you are not going to use the unit for a long period of time, disconnect the AC power cord.
- No naked flame sources such as lighted candles should be placed on the AC power cord and the unit.
- Leave a minimum of 10 cm around the apparatus for ventilation.
- Attention should be drawn to the environmental aspects of battery disposal.
- Use of apparatus in moderate climates.

On Condensation
- When left in a heated room where it is warm and damp, water droplets or condensation may form inside the unit. When there is condensation inside the unit, the unit may not function normally. Let the unit stand for 1 to 2 hours before turning the power on, or gradually heat the room and let the unit dry before use.

Rating Plate Location
- The rating plate is located on the back of unit.

FCC Statements
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

WARNING
- Should any trouble occur, disconnect the AC power cord and refer servicing to a qualified technician.
- Main plug is used as the disconnect device, it shall remain readily operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

Notes on Copyright
It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public, or rent copyrighted material without permission.

Apparatus Claims of U.S. Patent Nos. 6,836,549; 6,381,747; 7,050,698; 6,516,132; and 5,583,936 licensed for limited viewing uses only.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your AC power outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the AC power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Portable Cart Warning

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the AC power cord or plug is damaged, liquid has spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

DISC FORMATS

Compatible Discs

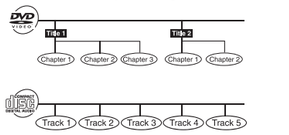
This DVD Player is capable of playing the following types of discs:
DVDs, Audio CDs, CDs and JPEG files on them. Before you put a disc in the player, make sure it is compatible. You can't play the following types of discs: Laserdiscs, CD-I, CD-ROM (computer-only discs), DVD-ROM, or discs recorded using other broadcast standards (i.e., PAL or SECAM); CD-G discs.
Note: Some discs may not be compatible due to laser pickup, recording formats, and software used. Some technologies and methods used for JPEG file recording on CD-Rs can prevent optimal playback of these files on your DVD player by degrading the quality and/or the ability of the player to read the file.

Region Management Information
This unit is designed and manufactured to respond to the Region Management Information that is encoded on DVDs. If the region number printed on the DVD does not correspond to the region number of this unit, it cannot play that disc.

The region number of this unit is 1.

Disc Function or Operation that is Not Available
When the ⃠ appears on the screen, it indicates that the function or operation attempted is not available at that time. This occurs because the DVD manufacturer determines the specific functions of DVDs. Certain functions may not be available on some DVDs. Be sure to read the documentation provided with the DVD.

Icons Used on DVDs
Sample Icons



Note: When playing back a CD-G (Graphics) or CD EXTRA disc, the audio portion will be played, but the graphic images will not be shown.

Title, Chapter and Tracks
- DVDs are divided into **"titles"** and **"chapters"**. If the disc has more than one movie on it, each movie would be a separate **"title"**. **"Chapters"** are sections of titles.
- Audio CDs are divided into **"tracks"**. A **"track"** is usually one song on an Audio CD.

Note:
Numbers identify each title, chapter, and track on a disc. Most discs have these numbers recorded on them, but some do not.

Notes on Unauthorized Discs
You may not be able to play some DVDs on this unit, particularly if they were purchased from outside your geographic area or made for business purposes.

SOUND SYSTEM

Dolby Digital
Dolby Digital is a technology developed by Dolby Laboratories. Soundtracks encoded in Dolby Digital can reproduce from one to 5.1 discrete channels of excellent quality audio.
The unit automatically recognizes the Dolby Digital bitstream and can output this multi-channel signal through the OPTICAL and COAXIAL digital audio outputs. The unit also provides a downmix suitable for two-channel listening though the analog audio outputs. An additional Dolby Digital decoder is required for reproduction of the discrete multi-channel soundtracks available on many DVDs.

Manufactured under license from Dolby Laboratories.
'Dolby' and the double-D symbol are trademarks of Dolby Laboratories.

ACCESSORIES

Please check and identify the supplied accessories.
• To order accessories visit web site http://www.RCAav.com
- ☐ Remote Control ..... x 1
- ☐ 2xAAA Batteries..... x 1
- ☐ AV Cable ..... x 1

Need more help?

Please visit online help at www.RCAav.com

REMOTE CONTROL

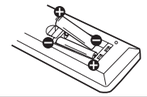
Using the Remote Control
- Point the remote control at the REMOTE SENSOR located on the unit.
- When using this unit in very bright light, the infrared REMOTE CONTROL SENSOR may not work properly.
- The recommended effective distance for remote operation is about 16 feet (5 meters).

Battery Replacement
When the batteries become weak, the operating distance of the remote control will be greatly reduced and you will need to replace the batteries.

Notes:
- If the remote control is not going to be used for a long time, remove the batteries to avoid damage caused by battery leakage corrosion.
- When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be strictly followed.

To Change Remote Batteries
1. Open the battery door.

2. Insert two AAA size batteries.



WARNING:
- Do not dispose of the battery in fire or it may explode or leak.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION:
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

MAINTENANCE

Cleaning the Disc
A defective or soiled disc inserted into the unit can cause sound to drop out during playback. Handle the disc by holding its inner and outer edges.

- Do NOT touch the surface of the unlabeled side of the disc.
- Do NOT stick paper or tape on the surface.
- Do NOT expose the disc to direct sunlight or excessive heat.
- Clean the disc before playback. Wipe the disc from the center outward with a cleaning cloth.
- NEVER use solvents such as benzine or alcohol to clean the disc.
- Do NOT use irregular shaped discs (example: heart shaped, octagonal, etc.). They may cause malfunctions.

Cleaning the Unit
- Be sure to turn the unit off and disconnect the AC power cord before maintaining the unit.
- Wipe the unit with a dry soft cloth. If the surfaces are extremely dirty, wipe clean with a cloth that has been dipped in a weak soap-and-water solution and wrung out thoroughly, then wipe with a dry cloth.
- Never use alcohol, benzine, thinner, cleaning fluid or other chemicals. Do NOT use compressed air to remove dust.

Important Note
Before transporting the unit, remove the disc from the disc compartment.

TROUBLESHOOTING GUIDE

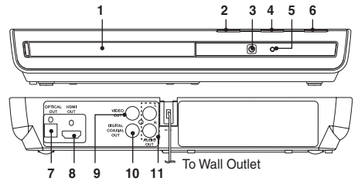
SYMPTOM	CAUSE (AND REMEDY)
No power.	• Ensure the AC power cord is connected. • The unit is not turned on.
The remote control does not function.	• Remove any obstacles between the remote and the unit • Use the remote near the unit. • Point the remote at the remote sensor on the unit. • Replace the batteries in the remote with new one.
No sound or only a very low-level sound is heard.	• Make sure that you select ON mode. • The system is in pause mode. Press the ▶ **PLAY** button to return to normal play mode. • The unit is in fast-forward or fast-reverse mode. Press the ▶ **PLAY** button to return to normal play mode. • Make sure the AUDIO output is correct. • Make sure the audio cable is connected securely.
No picture or abnormal color.	• The region number of the disc doesn't match the region number of this unit. • The TV is not set to receive DVD signal output. • The video/HDMI cable is not connected securely. • The TV is not turned on. • Clean the disc.
No output on your HDMI TV.	• Check connection between HDMI TV and the unit. • Replace the HDMI cable with a better one. Bad HDMI cable can cause data lost. • Press **HDMI** key on remote control several times in stop mode to toggle among different HDMI RESOLUTION settings (1080p, 1080i, 720p, 480p).
Severe hum or noise is heard.	• Check the connections. • The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol. • Clean the disc.
The disc does not play.	• There is no disc inside. (**NO DISC** appears on the screen). • Insert the disc correctly with the playback side facing down. • Clean the disc. • The unit and disc region number are incompatible. • Condensation may have formed inside the unit due to a sudden change in temperature. Wait about an hour for it to clear and try again.
The DVD door cannot open.	• Reset the unit, press the ⏻ **STANDBY/ON** button to turn off the unit, wait for a few seconds, then restart the unit.

Specifications and external appearance are subject to change without notice.

Printed in China

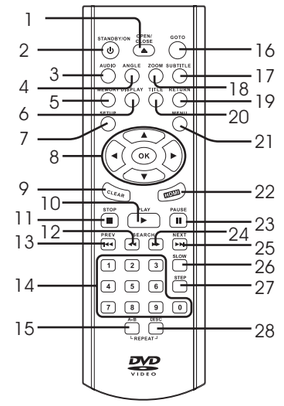
CONTROL REFERENCE GUIDE

Unit



1. **Disc Tray**
   Opens or closes the tray by pressing the OPEN/CLOSE button.
2. **⏏ OPEN/CLOSE Button**
   Opens or closes the tray.
3. **Remote Sensor**
   Receives the remote control's commands.
4. **▶ PLAY Button**
   Starts or resumes playback of a disc.
5. **STANDBY Indicator**
   Indicator On: The unit is in standby mode.
   Indicator Off: The unit is turned on.
6. **⏻ STANDBY/ON • STOP ■ Button**
   Turn the unit on or put it in standby mode. Or stop playing a disc.
7. **OPTICAL OUT Jack**
8. **HDMI OUT Jack**
9. **VIDEO OUT Jack**
10. **COAXIAL DIGITAL AUDIO OUT Jack**
11. **LEFT/RIGHT AUDIO OUT Jacks**

Remote Control

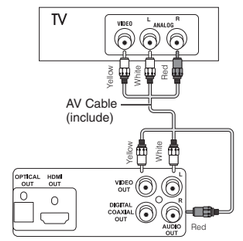


1. **⏏ OPEN/CLOSE Button**
   Press to open or close the disc tray.
2. **⏻ STANDBY/ON Button**
   Press to turn on the unit or put it in standby mode.
3. **AUDIO Button**
   Press to select one of the audio sound tracks programmed on a DVD or to select the audio output mode on an audio CD (If more than one is available).
4. **ANGLE Button**
   Press to switch the camera angle of the video presentation when scenes with multiple camera angles are recorded on a DVD.
5. **MEMORY Button**
   Press to create programmed playback sequences.
6. **DISPLAY Button**
   Press to change disc status information displayed on the TV screen.
7. **SETUP Button**
   Press to open and close the **SETUP** menu screen.
8. **CURSOR (▲, ▼, ◀, ▶) Button**
   Press to highlight selections on a menu screen and adjust certain settings.
   OK Button
   Press to confirm selections on a menu screen.
9. **CLEAR Button**
   Clear input selections and cancel certain playback functions.
10. **▶ PLAY Button**
    Press to start or resume playback.
11. **■ STOP Button**
    Press to stop playback.
12. **◀◀ SEARCH Button**
    Fast reverse playback.
13. **⏮ REV Button**
    Press to move backwards through titles, chapters or tracks on a disc.
14. **Number (0-9) Buttons**
15. **A-B REPEAT Button**
    Press to perform point-to-point repeat playback on a DVD or CD.
16. **GOTO Button**
    Press to skip directly to a specific location.
17. **SUBTITLE Button**
    Press to select one of the subtitle languages programmed on a DVD (If available).
18. **ZOOM Button**
    Zoom in an image.
19. **RETURN Button**
    Press to return to the normal operation after using the **SETUP** button.
20. **TITLE Button**
    Press to open the title menu screen.
21. **MENU Button**
    Press to open and close the DVD's menu.
22. **HDMI Button**
    Press to change the video output signals in stop mode.
23. **❚❚ PAUSE Button**
    Press to pause playback.
24. **▶▶ SEARCH Button**
    Fast forward playback.
25. **⏭ NEXT Button**
    Press to move forward through titles, chapters or tracks on a disc.
26. **SLOW Button**
    Press to perform slow forward playback of DVDs.
27. **STEP Button**
    Press to advance frame by frame (on DVD).
28. **DISC REPEAT Button**
    Press to repeat chapter or title of a DVD. Press to repeat single track or whole CD.

SETUP AND CONNECTIONS

CONNECTING TO A TV
The unit can be connected to your TV in several different ways, depending on the design of your TV.
Note: Use only one of the below listed connection method for connecting to your TV.

A. RCA AUDIO/VIDEO JACKS
Use the Audio/Video cable (supplied). Connect the VIDEO OUT and left/right AUDIO OUT jacks on the unit to the VIDEO IN and left/right AUDIO IN jacks on your TV.



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